217/785-1705

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT -- NESHAP SOURCE -- RENEWAL

PERMITTEE

Midwestern Rust Proof, Inc.
Attn: David Villarreal
3636 North Kilbourn Avenue
Chicago, Illinois 60641

Application No: 73031889
Applicant's Designation:
Subject: Electroplating Facility
Date Issued: October 28, 2014
Location: 3636 North Kilbourn Avenue, Chicago, Cook County, 60641

I.D. No: 031600CVR
Date Received: April 16, 2012

Expiration Date: October 28, 2024

Permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of an electroplating facility with the following equipment:

Department #1 (Bonderite):
Alkaline Cleaner Tank #1-1
Zinc Phosphate Tanks #1-4, 1-5
Conditioner Tank #1-6
Sealer Tank #1-8

Department #2 (Black Oxide):
Alkaline Cleaner Tanks #2-2
Acid Cleaning Tank #2-4*
Black Oxide Tank #2-7
Oil Coating Containers #2-10, 2-11

Department #3 (Parkerize Barrel):
Alkaline Cleaner Tanks #3-1, 3-3
Acid Cleaning Tank #3-6*
Conditioner Tank #3-8
Zinc Phosphate Tank #3-10
Sealer Tank #3-13
Oil Coating Tank #3-14, 3-17, 3-19
Chromate Coating Tank #3-15
Carbon Black Coating Tank #3-16

Department #4 (Parkerize Still):
Alkaline Cleaner Tank #4-2
Zinc Phosphate Tank #4-4
Sealer Tank #4-6
Oil Coating Tank #4-7

Department #7 (Zinc Auto Rack):
Alkaline Cleaner Tank #7-1
Electro-Cleaner Tanks #7-3, 7-13
Acid Cleaning Tank #7-8*
Acid Conditioner Tank #7-17
Zinc Electroplating Tank #7-18
Brightener Tank #7-22

Department #9 (Parkerize Barrel):
Alkaline Cleaner Tank #9-1, 9-2
Descaler Tank #9-4
Acid Cleaning Tank #9-7*
Zinc Phosphate Tank #9-11
Oil Coating Tank #9-14

Department #10 (Passivation):
Passivation Tank #10-1

Department #11 (Zinc Auto Barrel):
Alkaline Cleaner Tank #11-21
Electro-Cleaner Tank #11-23
Acid Cleaning Tank #11-26
Zinc Electroplating Tank #11-31
Brightener Tanks #11-13, 11-33

Department #5 (Parco Lubrite):

Cleaner Tank #5-1 (Cold Degreaser)
Alkaline Tank #5-3
Conditioner Tank #5-5
Manganese Phosphate Tank #5-6
Sealer Tanks #5-9, 5-18
Oil Coating Tanks #5-10, 5-12, 5-13

Miscellaneous Processes:

Zinc Stripper Tank ZS-1295-297
Acid Cleaning Tank ZS-3
Ovens O1, O2 and 03
Sludge Dryer SD1
Boilers #1 and #2
Make-Up Air Units

Department #6 (Zinc Barrel):

Alkaline Cleaner Tank #6-2
Electro-Cleaner Tank #6-4
Acid Cleaning Tank #6-6
Zinc Electroplating Tanks #6-8, 6-9
Brightener Tanks #6-12, 6-30
Lacquer Tank #6-24

* Controlled with a scrubber

pursuant to the above-referenced application. This permit is subject to standard conditions attached hereto and the following special condition(s):

1a. This federally enforceable state operating permit is issued:

i. To limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 100 tons/year for Volatile Organic Material (VOM), 10 tons/year for any single Hazardous Air Pollutant (HAP), and 25 tons/year of any combination of such HAPs). As a result, the source is excluded from the requirements to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit are described in Attachment.

ii. To establish federally enforceable production and operating limitations, which restrict the potential to emit to less than 10 tons/year for any individual Hazardous Air Pollutant (HAP) and 25 tons/year of any combination of such HAPs so that the source is not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Coating of Miscellaneous Metal Parts and Products, 40 CFR 63 Subpart MMMM.

iii. To limit the potential emissions of VOM from the source to less than 25 tons/year. As a result, the source is excluded from the requirement of 35 Ill. Adm. Code Part 205, Emission Reduction Market System. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.

b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.

c. This permit supersedes all operating permit(s) for this location.

2. The Bonderite Line (Department #1), two Parkerize Barrel Lines (Department #3 and #9), Manganese Phosphate Tank #5-6 and Sealer Tanks #5-9, 5-18 (Department #5), Zinc Barrel Line (Department #6), Zinc Auto Rack (Department #7) and Zinc Auto Barrel Line (Department #11) are subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP): Area Source Standards for Plating and Polishing Operations, 40 CFR 63 Subparts A and WWWWWW. The Illinois EPA is administering the NESHAP in Illinois on behalf of the United States EPA under a delegation agreement. Pursuant to 40 CFR 63.11504(a), you are subject to 40 CFR 63 Subpart WWWWWW if you own or operate a plating and polishing facility that is an area source of hazardous air pollutant (HAP) emissions and meets the criteria specified in 40 CFR 63.11504(a)(1) through (3).

   a. A plating and polishing facility is a plant site that is engaged in one or more of the processes listed in 40 CFR 63.11504(a)(1)(i) through (vi).

      i. Electroplating other than chromium electroplating (i.e., non-chromium electroplating).

      ii. Electroless or non-eletrolytic plating.

      iii. Other non-electrolytic metal coating processes, such as chromate conversion coating, nickel acetate sealing, sodium dichromate sealing, and manganese phosphate coating; and thermal spraying.

      iv. Dry mechanical polishing of finished metals and formed products after plating or thermal spraying.

      v. Electroforming.

      vi. Electropolishing.

   b. A plating or polishing facility is an area source of HAP emissions, where an area source is any stationary source or group of stationary sources within a contiguous area under common control that does not have the potential to emit any single HAP at a rate of 9.07 megagrams per year (Mg/year) (10 tons per year (tpy)) or more and any combination of HAP at a rate of 22.68 Mg/year (25 tpy) or more.

   c. Your plating and polishing facility uses or has emissions of compounds of one or more plating and polishing metal HAP, which means any compound of any of the following metals: cadmium, chromium, lead, manganese, and nickel, as defined in 40 CFR 63.11511, “What definitions apply to this subpart?” With the exception of lead, plating and polishing metal HAP also include any of these metals in the elemental form.

3a. Pursuant to 35 Ill. Adm. Code 212.123(a), no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to 35 Ill. Adm. Code 212.122.

b. Pursuant to 35 Ill. Adm. Code 212.123(b), the emission of smoke or other particulate matter from any such emission unit may have an opacity greater than 30 percent but not greater than 60 percent for a period or periods aggregating 8 minutes in any 60 minute period provided that such opaque emissions permitted during any 60 minute period shall occur from only one such emission unit located within a 305 meter (1000 foot) radius from the center point of any other such emission unit owned or operated by such person, and provided further that such opaque emissions permitted from each such emission unit shall be limited to 3 times in any 24 hour period.

c. Pursuant to 35 Ill. Adm. Code 212.301, no person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally toward the zenith at a point beyond the property line of the source.

d. Pursuant to 35 Ill. Adm. Code 212.302(a), 35 Ill. Adm. code 212.304 through 212.310 and 212.312 shall apply to all mining operations (SIC major groups 10 through 14), manufacturing operations (SIC major groups 20 through 39 except for those operations subject to 35 Ill. Adm. Code Part 212 Subpart S (Grain-Handling and Grain-Drying Operations) that are outside the areas defined in 35 Ill. Adm. Code 212.324(a)(1)), and electric generating operations (SIC group 491), which are located in the areas defined by the boundaries of the following townships, notwithstanding any political subdivisions contained therein, as the township boundaries were defined on October 1, 1979, in the following counties:

Cook: All townships

e. Pursuant to 35 Ill. Adm. Code 212.321(a), no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 Ill. Adm. Code 212.321.

4. Pursuant to 35 Ill. Adm. Code 214.301, except as further provided by 35 Ill. Adm. Code Part 214, no person shall cause or allow the emission of sulfur dioxide into the atmosphere from any process emission source to exceed 2000 ppm.

5a. Pursuant to 35 Ill. Adm. Code 218.181, the requirements of 35 Ill. Adm. Code 218.182, 218.183, 218.184, and 218.186 shall apply to all cold cleaning, open top vapor degreasing, and conveyorized degreasing operations which use volatile organic materials.

b. Pursuant to 35 Ill. Adm. Code 218.204(q)(1), except as provided in 35 Ill. Adm. Code 218.205, 218.207, 218.208, 218.212, 218.215 and 218.216, no owner or operator of a coating line shall apply at any time any coating in which the VOM content exceeds the following emission limitations for miscellaneous metal parts and products coating after May 1, 2012. Except as otherwise provided in 35 Ill. Adm. Code 218.204(a), (c), (g), (h), (j), (l), (n), (p), and (q), compliance with the emission limitations is required on and after March 15, 1996. The following emission limitations are expressed in units of VOM per volume of coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied at each coating applicator, except where noted. Compounds which are specifically exempted from the definition of VOM should be treated as water for the purpose of calculating the “less water” part of the coating composition. Compliance with 35 Ill. Adm. Code Part 218 Subpart F (Coating Operations) must be demonstrated through the applicable coating analysis test methods and procedures specified in 35 Ill. Adm. Code 218.105(a) and the recordkeeping and reporting requirements specified in 35 Ill. Adm. Code 218.211(c) except where noted. (Note: The equation presented in 35 Ill. Adm. Code 218.206 shall be used to calculate emission limitations for determining compliance by add on controls, credits for transfer efficiency, emissions trades and cross line averaging.) The emission limitations are as follows:

Miscellaneous Metal Parts and Products Coatings and Plastic Parts and Products Coatings On and After May 1, 2012. On and after May 1, 2012, the owner or operator of a miscellaneous metal or plastic parts coating line shall comply with the limitation in 35 Ill. Adm. Code 218.204(q). The limitation in 35 Ill. Adm. Code 218.204(q) shall not apply to aerosol coating products, powder coatings, or primer sealants and ejection cartridge sealants used in ammunition manufacturing. Primer sealants and ejection cartridge sealants shall instead be regulated under 35 Ill. Adm. Code Part 218 Subpart TT (Other Emission Units). For purposes of 35 Ill. Adm. Code 218.204(q)(1), “corrosion resistant basecoat” means a water-borne epoxy coating applied via an electrodeposition process to a metal surface prior to spray coating, for the purpose of enhancing corrosion resistance. The limitations in 35 Ill. Adm. Code 218.204(q)(1) shall not apply to stencil coats, safety-indicating coatings, solid-film lubricants, electric-insulating and thermal-conducting coatings, magnetic data storage disk coatings, and plastic extruded onto metal parts to form a coating. The limitations in 35 Ill. Adm. Code 218.219, however, shall apply to these coatings unless specifically excluded in 35 Ill. Adm. Code 218.219.

		kg/l (lb/gal) coatings	kg/l (lb/gal) solids
i.	General one component coating		
	Air dried	0.34 (2.8)	0.54 (4.52)
ii.	General multi-component coating		
	Air dried	0.34 (2.8)	0.54 (4.52)
iii.	Pretreatment coating	0.42 (3.5)	0.80 (6.67)
iv.	Repair coats and touch-up coatings		
	Air dried	0.42 (3.5)	
v.	All other coatings		
	Air dried	0.40 (3.3)	0.73 (5.98)

c. Pursuant to 35 Ill. Adm. Code 218.301, no person shall cause or allow the discharge of more than 3.6 kg/hour (8 lbs/hour) of organic material into the atmosphere from any emission unit, except as provided in 35 Ill. Adm. Code 218.302, 218.303, or 218.304 and the following exception: If no odor nuisance exists the limitation of 35 Ill. Adm. Code Part 218 Subpart G (Use of Organic Material) shall only apply to photochemically reactive material.

6. This permit is issued based on the sludge dryer not being subject to the National Emission Standard for Hazardous Air Pollutants (NESHAP) for Mercury 40 CFR Part 61, Subpart E because the sludge dryer at this source does not meet the definition of a sludge dryer under 40 CFR 61.51(m) due to utilization of indirect heat to heat sludge instead of heating the sludge directly with combustion gases.

7a. This permit is issued based on hydrochloric acid pickling operations not being subject to the National Emission Standard for Hazardous Air Pollutants (NESHAP) for Steel Pickling—HCl Process Facilities and Hydrochloric Acid Regeneration Plants, 40 CFR Part 63, Subpart CCC because this source is not a major source for HAPs and the temperature of the hydrochloric acid solution in the pickling tanks at this source is less than 100°F, as specified in 40 CFR 63.1155(a)(1).

b. This permit is issued based on the source not being subject to the National Emission Standard for Hazardous Air Pollutants (NESHAP) for

Surface Coating of Miscellaneous Metal Parts and Products, 40 CFR 63 Subpart MMMM. This is a result of the federally enforceable production and operating limitations, which restrict the potential to emit to less than 10 tons/year for any individual Hazardous Air Pollutant (HAP), and 25 tons/year of any combination of such HAPs.

c. This permit is issued based on the coating operations at this source not being subject to the National Emission Standard for Hazardous Air Pollutants (NESHAP) for Paint Stripping And Miscellaneous Surface Coating Operations At Area Sources, 40 CFR 63 Subpart HHHHHH because, the source is not involved in the spray application of coatings containing compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd), collectively referred to as the target HAP to any part or product made of metal or plastic, or combinations of metal and plastic that are not motor vehicles or mobile equipment.

8. Pursuant to 35 Ill. Adm. Code 212.314, 35 Ill. Adm. Code 212.301 shall not apply and spraying pursuant to 35 Ill. Adm. Code 212.304 through 212.310 and 35 Ill. Adm. Code 212.312 shall not be required when the wind speed is greater than 40.2 km/hour (25 mph). Determination of wind speed for the purposes of this rule shall be by a one-hour average or hourly recorded value at the nearest official station of the U.S. Weather Bureau or by wind speed instruments operated on the site. In cases where the duration of operations subject to this rule is less than one hour, wind speed may be averaged over the duration of the operations on the basis of on-site wind speed instrument measurements.

9a. This permit is issued based on the solvent cleaning operations at this source not being subject to the requirements of 35 Ill. Adm. Code 218.187(b). Pursuant to 35 Ill. Adm. Code 218.187(a)(1), on and after January 1, 2012: Except as provided in 35 Ill. Adm. Code 218.187(a)(2), the requirements of 35 Ill. Adm. Code 218.187 shall apply to all cleaning operations that use organic materials at sources that emit a total of 226.8 kg per calendar month (500 lbs per calendar month) or more of VOM, in the absence of air pollution control equipment, from cleaning operations at the source other than cleaning operations identified in 35 Ill. Adm. Code 218.187(a)(2). For purposes of 35 Ill. Adm. Code 218.187, “cleaning operation” means the process of cleaning products, product components, tools, equipment, or general work areas during production, repair, maintenance, or servicing, including but not limited to spray gun cleaning, spray booth cleaning, large and small manufactured components cleaning, parts cleaning, equipment cleaning, line cleaning, floor cleaning, and tank cleaning, at sources with emission units;

b. Pursuant to 35 Ill. Adm. Code 218.187(a)(2), notwithstanding 35 Ill. Adm. Code 218.187(a)(1):

i. Cleaning operations subject to the limitations in 35 Ill. Adm. Code 218.182, 218.183, or 218.184 shall be exempt from the requirements of 35 Ill. Adm. Code 218.187(b), (c), (d), (e), (f), and (g).

ii. Cleaning operations within the miscellaneous metal parts coating category shall be exempt from the requirements of 35 Ill. Adm. Code 218.187(b), (c), (d), (e), (f), and (g).

c. Pursuant to 35 Ill. Adm. Code 218.209, no owner or operator of a coating line subject to the limitations of 35 Ill. Adm. Code 218.204 is required to meet the limitations of 35 Ill. Adm. Code Part 218 Subpart G (35 Ill. Adm. Code 218.301 or 218.302), after the date by which the coating line is required to meet 35 Ill. Adm. Code 218.204.

d. Pursuant to 35 Ill. Adm. Code 218.219(c)(2), notwithstanding 35 Ill. Adm. Code 218.219(b), the application method limitations in 35 Ill. Adm. Code 218.219(b)(6) shall not apply to the following: For metal parts and products coating operations: touch-up coatings, repair coatings, textured finishes, stencil coatings, safety-indicating coatings, solid-film lubricants, electric-insulating and thermal-conducting coatings, magnetic data storage disk coatings, and plastic extruded onto metal parts to form a coating;

10a. Pursuant to 40 CFR 63.11507(g), if you own or operate an affected new or existing plating and polishing process unit that contains, applies, or emits one or more of the plating and polishing metal HAP, you must implement the applicable management practices in 40 CFR 63.11507(g)(1) through (12), as practicable:

i. Minimize bath agitation when removing any parts processed in the tank, as practicable except when necessary to meet part quality requirements.

ii. Maximize the draining of bath solution back into the tank, as practicable, by extending drip time when removing parts from the tank; using drain boards (also known as drip shields); or withdrawing parts slowly from the tank, as practicable.

iii. Optimize the design of barrels, racks, and parts to minimize dragout of bath solution (such as by using slotted barrels and tilted racks, or by designing parts with flow-through holes to allow the tank solution to drip back into the tank), as practicable.

iv. Use tank covers, if already owned and available at the facility, whenever practicable.

v. Minimize or reduce heating of process tanks, as practicable (e.g., when doing so would not interrupt production or adversely affect part quality).

vi. Perform regular repair, maintenance, and preventive maintenance of racks, barrels, and other equipment associated with affected sources, as practicable.

vii. Minimize bath contamination, such as through the prevention or quick recovery of dropped parts, use of distilled/de-ionized water, water filtration, pre-cleaning of parts to be plated, and thorough rinsing of pre-treated parts to be plated, as practicable.

viii. Maintain quality control of chemicals, and chemical and other bath ingredient concentrations in the tanks, as practicable.

ix. Perform general good housekeeping, such as regular sweeping or vacuuming, if needed, and periodic washdowns, as practicable.

x. Minimize spills and overflow of tanks, as practicable.

xi. Use squeegee rolls in continuous or reel-to-reel plating tanks, as practicable.

xii. Perform regular inspections to identify leaks and other opportunities for pollution prevention.

b. Pursuant to 40 CFR 63.11508(a), if you own or operate an affected source, you must submit a Notification of Compliance Status in accordance with 40 CFR 63.11509(b) of "What are my notification, reporting, and recordkeeping requirements?".

c. Pursuant to 40 CFR 63.11508(b), you must be in compliance with the applicable management practices and equipment standards in 40 CFR 63 Subpart WWWWWW at all times.

d. Pursuant to 40 CFR 63.11508(c)(11), to demonstrate initial compliance, you must satisfy the requirements specified in 40 CFR 63.11508(c)(1) through (11). If you own or operate an affected temporary thermal spraying operation that applies one or more of the plating and polishing metal HAP and is subject to the requirements in 40 CFR 63.11507(f)(3), "What are my standards and management practices?", you must demonstrate initial compliance according to 40 CFR 63.11508(c)(11)(i) and (ii).

i. You must implement the applicable management practices specified in 40 CFR 63.11507(g), "What are my standards and management practices?", as practicable.

ii. You must state in your Notification of Compliance Status that you have implemented the applicable management practices specified in 40 CFR 63.11507(g), "What are my standards and management practices?", as practicable.

e. Pursuant to 40 CFR 63.11508(d), to demonstrate continuous compliance with the applicable management practices and equipment standards specified in 40 CFR 63 Subpart WWWWWW, you must satisfy the requirements specified in 40 CFR 63.11508(d)(1) through (8).

i. You must always operate and maintain your affected source, including air pollution control equipment.

ii. You must prepare an annual compliance certification according to the requirements specified in 40 CFR 63.11509(c), "Notification, Reporting, and Recordkeeping", and keep it in a readily-accessible location for inspector review.

iii. If you own or operate an affected tank or other operation that is subject to the management practices specified in 40 CFR 63.11507(g), "What are my standards and management practices?", you must demonstrate continuous compliance according to 40 CFR 63.11508(d)(8)(i) and (ii).

A. You must implement the applicable management practices during all times that the affected tank or process is in operation.

B. You must state in your annual compliance certification that you have implemented the applicable management practices, as practicable.

f. Pursuant to 40 CFR 63.11510, if you own or operate a new or existing affected source, you must comply with the requirements of the General Provisions (40 CFR Part 63, Subpart A) according to Table 1 of 40 CFR 63 Subpart WWWWWW (see Attachment B).

11a. Pursuant to 35 Ill. Adm. Code 212.306, all normal traffic pattern access areas surrounding storage piles specified in 35 Ill. Adm. Code 212.304 and all normal traffic pattern roads and parking facilities which are located on mining or manufacturing property shall be paved or treated with water, oils or chemical dust suppressants. All paved areas shall be cleaned on a regular basis. All areas treated with water, oils or chemical dust suppressants shall have the treatment applied on a regular basis, as needed, in accordance with the operating program required by 35 Ill. Adm. Code 212.309, 212.310 and 212.312.

b. Pursuant to 35 Ill. Adm. Code 212.309(a), the emission units described in 35 Ill. Adm. Code 212.304 through 212.308 and 35 Ill. Adm. Code 212.316 shall be operated under the provisions of an operating program, consistent with the requirements set forth in 35 Ill. Adm. Code 212.310 and 212.312, and prepared by the owner or operator and submitted to the Illinois EPA for its review. Such operating program shall be designed to significantly reduce fugitive particulate matter emissions.

c. Pursuant to 35 Ill. Adm. Code 212.310, as a minimum the operating program shall include the following:

i. The name and address of the source;

ii. The name and address of the owner or operator responsible for execution of the operating program;

iii. A map or diagram of the source showing approximate locations of storage piles, conveyor loading operations, normal traffic pattern access areas surrounding storage piles and all normal traffic patterns within the source;

iv. Location of unloading and transporting operations with pollution control equipment;

v. A detailed description of the best management practices utilized to achieve compliance with 35 Ill. Adm. Code Part 212 Subpart K (Fugitive Particulate Matter), including an engineering specification of particulate collection equipment, application systems for water, oil, chemicals and dust suppressants utilized and equivalent methods utilized;

vi. Estimated frequency of application of dust suppressants by location of materials; and

vii. Such other information as may be necessary to facilitate the Illinois EPA's review of the operating program.

d. Pursuant to 35 Ill. Adm. Code 212.312, the operating program shall be amended from time to time by the owner or operator so that the operating program is current. Such amendments shall be consistent with 35 Ill. Adm. Code Part 212 Subpart K and shall be submitted to the Illinois EPA for its review.

12a. Pursuant to 35 Ill. Adm. Code 218.182(a), no person shall operate a cold cleaning degreaser unless:

i. Waste solvent is stored in covered containers only and not disposed of in such a manner that more than 20% of the waste solvent (by weight) is allowed to evaporate into the atmosphere;

ii. The cover of the degreaser is closed when parts are not being handled; and

iii. Parts are drained until dripping ceases.

b. Pursuant to 35 Ill. Adm. Code 218.182(b), no person shall operate a cold cleaning degreaser unless:

i. The degreaser is equipped with a cover which is closed whenever parts are not being handled in the cleaner. The cover shall be designed to be easily operated with one hand or with the mechanical assistance of springs, counter-weights or a powered system if:

A. The solvent vapor pressure is greater than 2 kPa (15 mmHg or 0.3 psi) measured at 38°C (100°F);

B. The solvent is agitated; or

C. The solvent is heated above ambient room temperature.

ii. The degreaser is equipped with a device for draining cleaned parts. The drainage device shall be constructed so that parts are enclosed under the cover while draining unless:

A. The solvent vapor pressure is less than 4.3 kPa (32 mmHg or 0.6 psi) measured at 38°C (100°F); or

B. An internal drainage device cannot be fitted into the cleaning system, in which case the drainage device may be external.

iii. The degreaser is equipped with one of the following control devices if the vapor pressure of the solvent is greater than 4.3 kPa (32 mmHg or 0.6 psi) measured at 38°C (100°F) or if the solvent is heated above 50°C (120°F) or its boiling point:

A. A freeboard height of 7/10 of the inside width of the tank or 91 cm (36 in), whichever is less; or

B. Any other equipment or system of equivalent emission control as approved by the Illinois EPA and further processed consistent with 35 Ill. Adm. Code 218.108. Such a system may include a water cover, refrigerated chiller or carbon adsorber.

iv. A permanent conspicuous label summarizing the operating procedure is affixed to the degreaser; and

v. If a solvent spray is used, the degreaser is equipped with a solid fluid stream spray, rather than a fine, atomized or shower spray.

c. Pursuant to 35 Ill. Adm. Code 218.182(c)(3)(B), on and after May 30, 2007 no person shall operate a cold cleaning degreaser with a solvent vapor pressure which exceeds 1.0 mmHg (0.019 psi) measured at 20°C (68°F) , unless the person is in compliance with the control requirements of 35 Ill. Adm. Code 218.182(c)(4) or is exempt under 35 Ill. Adm. Code 218.182(f) or (g).

d. Pursuant to 35 Ill. Adm. Code 218.206, limitations in terms of kg (lbs) of VOM emissions per 1 (gal) of solids as applied at each coating applicator shall be determined by the following equation:

$$S = \frac{C}{1 - \frac{C}{D}}$$

where:

S = The limitation on VOM emissions in terms of kg VOM/liter (lbs VOM/gallon) of solids;

C = The limitation on VOM emissions in terms of kg/liter (lbs/gallon) of coating (minus water and any compounds which are specifically excluded from the definition of VOM) specified in 35 Ill. Adm. Code 218.204;

D = The density of VOM in the coating. For the purposes of calculating S, the density is 0.882 kg VOM/liter VOM (7.36 lbs VOM/gallon VOM).

e. Pursuant to 35 Ill. Adm. Code 218.219(b), except as provided in 35 Ill. Adm. Code 218.219(c), every owner or operator of a coating line described 35 Ill. Adm. Code 218.204(q) shall:

i. Store all VOM-containing coatings, thinners, coating-related waste materials, cleaning materials, and used shop towels in closed containers;

ii. Ensure that mixing and storage containers used for VOM-containing coatings, thinners, coating-related waste materials, and cleaning materials are kept closed at all times except when depositing or removing these materials;

iii. Minimize spills of VOM-containing coatings, thinners, coating-related waste materials, and cleaning materials;

iv. Convey VOM-containing coatings, thinners, coating-related waste materials, and cleaning materials from one location to another in closed containers or pipes;

v. Minimize VOC emissions from cleaning of application, storage, mixing, and conveying equipment by ensuring that equipment cleaning is performed without atomizing the cleaning solvent and all spent solvent is captured in closed containers; and

vi. Apply all coatings using one or more of the following application methods:

A. Electrostatic spray;

B. High volume low pressure (HVLP) spray;

C. Flow coating. For the purposes of 35 Ill. Adm. Code 218.219(b)(6)(C), flow coating means a non-atomized technique of applying coating to a substrate with a fluid nozzle with no air supplied to the nozzle;

D. Roll coating;

E. Dip coating, including electrodeposition. For purposes of 35 Ill. Adm. Code 218.219 (b)(6)(E), electrodeposition means a water-borne dip coating process in which opposite electrical charges are applied to the substrate and the coating. The coating is attracted to the substrate due to the electrochemical potential difference that is created;

F. Airless spray;

G. Air-assisted airless spray; or

H. Another coating application method capable of achieving a transfer efficiency equal to or better than that achieved by HVLP spraying, if the method is approved in writing by the Illinois EPA.

13a. In the event that the operation of this emission unit results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.

b. The Permittee shall, in accordance with the manufacturer(s) and/or vendor(s) recommendations, perform periodic maintenance on the scrubbers such that the scrubbers are kept in proper working condition and not cause a violation of the Illinois Environmental Protection Act or regulations promulgated therein.

c. The boiler, ovens and sludge dryer shall only be operated with natural gas as the fuel. The use of any other fuel in the boiler, dryers or heaters requires that the Permittee first obtain a construction permit from the Illinois EPA and then perform stack testing to verify compliance with all applicable requirements.

14a. Operation and hydrochloric acid (HCl) emissions from all acid cleaning tanks shall not exceed the following limits:

	Metal Throughput		Emission Factor	HCl Emission	
Tank Type	(Tons/Mo)	(Tons/Yr)	(Lbs/Ton)	(Lbs/Mo)	(Tons/Yr)
Controlled	1,000	10,000	0.3	300	1.5
Uncontrolled	25	215	4.7	118	0.5

These limits are based on the maximum production rate, the usage of 197 tons/year of hydrochloric acid (concentration 31.5%), the tanks operating at room temperature and US EPA published emission factor (EPA-745-B-99-014).

b. VOM usage and emissions of the coating operations shall not exceed the following limits:

VOM Usage		VOM Emission	
(Tons/Month)	(Tons/Year)	(Tons/Month)	(Tons/Year)
1.45	11.60	1.45	11.60

These VOM emission limits are based on the maximum coating usage allowed and the maximum VOM content of all coatings.

c. The VOM emissions from the use of VOM-containing additives in the process tanks shall not exceed the following limits:

VOM Usage		VOM Emission	
(Tons/Month)	(Tons/Year)	(Tons/Month)	(Tons/Year)
0.49	3.90	0.49	3.90

These VOM emission limits are based on the maximum additives usage allowed and the maximum VOM content of all additives.

d. The VOM emissions from the degreaser operations shall not exceed the following limits:

VOM Usage		VOM Emission	
(Tons/Month)	(Tons/Year)	(Tons/Month)	(Tons/Year)
0.4	3.2	0.4	3.2

These VOM emission limits are based on the maximum cleaning solvent usage allowed and the maximum VOM content of the cleaning solvent.

e. The VOM and HAP emissions shall be calculated using the following equation:

$$E = [\sum P_i \times Di \times C_i/100]/2,000$$

where:

E = VOM or HAP emissions (tons);

P_i = Coating, additive, or cleaning solvent material usage (gallons);

D_i = Density of each coating, additive, or cleaning solvent used (lbs/gallon);

C_i = VOM or HAP content of each coating, additive, or cleaning solvent used (weight %).

f. Emissions and operation of the all-natural gas combustion sources shall not exceed the following limits:

i. Natural Gas Usage: 46 mmscf/month, 455 mmscf/year

ii. Emissions from the combustion of natural gas:

Pollutant	Emission Factor (Lbs/mmscf)	Emissions (Tons/Mo)	Emissions (Tons/Yr)
Carbon Monoxide (CO)	84.0	1.91	19.11
Nitrogen Oxides (NO_x)	100.0	2.28	22.75
Particulate Matter (PM)	7.6	0.17	1.73
Sulfur Dioxide (SO_2)	0.6	0.01	0.14
Volatile Organic Materials (VOM)	5.5	0.13	1.25

These limits are based on the maximum equipment firing rate and standard emission factors (Tables 1.4-1 and 1.4-2, AP-42, Fifth Edition, Volume I, Supplement D, July 1998).

g. This permit is issued based on negligible emissions of particulate matter from thirty-nine processing tanks. For this purpose, emission from each tank shall not exceed nominal emission rates of 0.05 lb/hour and 0.22 ton/year.

h. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act from this source shall not exceed 0.9 tons/month and 9.0 tons/year of any single HAP and 2.25 tons/month and 22.5 tons/year of any combination of such HAPs. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA and the NESHAP for Surface Coating of Miscellaneous Metal Parts and Products, 40 CFR 63 Subpart MMMM.

i. Compliance with the annual limits of this permit shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total).

15a. Pursuant to 35 Ill. Adm. Code 201.282, every emission source or air pollution control equipment shall be subject to the following testing requirements for the purpose of determining the nature and quantities of specified air contaminant emissions and for the purpose of determining ground level and ambient air concentrations of such air contaminants:

i. Testing by Owner or Operator. The Illinois EPA may require the owner or operator of the emission source or air pollution control equipment to conduct such tests in accordance with procedures adopted by the Illinois EPA, at such reasonable times as may be specified by the Illinois EPA and at the expense of the owner or operator of the emission source or air pollution control equipment. The Illinois EPA may adopt procedures detailing methods of testing and formats for reporting results of testing. Such procedures and revisions thereto, shall not become effective until filed with the Secretary of State, as required by the APA Act. All such tests shall be made by or under the direction of a person qualified by training and/or experience in the field of

air pollution testing. The Illinois EPA shall have the right to observe all aspects of such tests.

ii. Testing by the Illinois EPA. The Illinois EPA shall have the right to conduct such tests at any time at its own expense. Upon request of the Illinois EPA, the owner or operator of the emission source or air pollution control equipment shall provide, without charge to the Illinois EPA, necessary holes in stacks or ducts and other safe and proper testing facilities, including scaffolding, but excluding instruments and sensing devices, as may be necessary.

b. Testing required by Conditions 16 and 17 shall be performed upon a written request from the Illinois EPA by a qualified independent testing service.

16. Pursuant to 35 Ill. Adm. Code 212.110(c), upon a written notification by the Illinois EPA, the owner or operator of a particulate matter emission unit subject to 35 Ill. Adm. Code Part 212 shall conduct the applicable testing for particulate matter emissions, opacity, or visible emissions at such person's own expense, to demonstrate compliance. Such test results shall be submitted to the Illinois EPA within thirty (30) days after conducting the test unless an alternative time for submittal is agreed to by the Illinois EPA.

17a. Pursuant to 35 Ill. Adm. Code 218.186, the following test methods shall be used to demonstrate compliance with 35 Ill. Adm. Code 218 Subpart E:

i. Vapor pressures shall be determined by using the procedure specified in 35 Ill. Adm. Code 218.110.

ii. Exhaust ventilation rates shall be determined by using the procedures specified in 35 Ill. Adm. Code 218.105(f)(3).

iii. The performance of control devices shall be determined by using the procedures specified in 35 Ill. Adm. Code 218.105(f).

b. Pursuant to 35 Ill. Adm. Code 218.211(a), the VOM content of each coating and the efficiency of each capture system and control device shall be determined by the applicable test methods and procedures specified in 35 Ill. Adm. Code 218.105 to establish the records required under 35 Ill. Adm. Code 218.211.

18. Pursuant to 40 CFR 63.10(b)(3), if an owner or operator determines that his or her stationary source that emits (or has the potential to emit, without considering controls) one or more hazardous air pollutants regulated by any standard established pursuant to section 112(d) or (f) of the Clean Air Act, and that stationary source is in the source category regulated by the relevant standard, but that source is not subject to the relevant standard (or other requirement established under 40 CFR Part 63) because of limitations on the source's potential to emit or an exclusion, the owner or operator must keep a record of

the applicability determination on site at the source for a period of 5 years after the determination, or until the source changes its operations to become an affected source, whichever comes first. The record of the applicability determination must be signed by the person making the determination and include an analysis (or other information) that demonstrates why the owner or operator believes the source is unaffected (e.g., because the source is an area source). The analysis (or other information) must be sufficiently detailed to allow the USEPA and/or Illinois EPA to make a finding about the source's applicability status with regard to the relevant standard or other requirement. If relevant, the analysis must be performed in accordance with requirements established in relevant subparts of 40 CFR Part 63 for this purpose for particular categories of stationary sources. If relevant, the analysis should be performed in accordance with USEPA guidance materials published to assist sources in making applicability determinations under Section 112 of the Clean Air Act, if any. The requirements to determine applicability of a standard under 40 CFR 63.1(b)(3) and to record the results of that determination under 40 CFR 63.10(b)(3) shall not by themselves create an obligation for the owner or operator to obtain a Title V permit.

19a. Pursuant to 40 CFR 63.11509(e), you must keep the records specified in 40 CFR 63.11509(e)(1) through (3).

i. A copy of any Initial Notification and Notification of Compliance Status that you submitted and all documentation supporting those notifications.

ii. The records specified in 40 CFR 63.10(b)(2)(i) through (iii) and (xiv).

iii. The records required to show continuous compliance with each management practice and equipment standard that applies to you, as specified in 40 CFR 63.11508(d), “What are my compliance requirements?”.

b. Pursuant to 40 CFR 63.11509(f), you must keep each record for a minimum of 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. You must keep each record onsite for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). You may keep the records offsite for the remaining 3 years.

20. Pursuant to 35 Ill. Adm. Code 212.110(e), the owner or operator of an emission unit subject to 35 Ill. Adm. Code Part 212 shall retain records of all tests which are performed. These records shall be retained for at least three (3) years after the date a test is performed.

21a. Pursuant to 35 Ill. Adm. Code 218.182(d)(2), on and after March 15, 1999 all persons subject to the requirements of 35 Ill. Adm. Code

218.182(c)(1)(B), (c)(2)(B), and (c)(3)(B) must maintain records which include for each purchase:

i The name and address of the solvent supplier;

ii. The date of purchase;

iii. The type of solvent;

iv. The vapor pressure of the solvent measured in mmHg at 20°C (68°F); and

v. For any mixture of solvents, the vapor pressure of the mixture, as used, measured in mmHg at 20°C (68°F).

b. Pursuant to 35 Ill. Adm. Code 218.182(e), all records required by 35 Ill. Adm. Code 218.182(d) shall be retained for three years and shall be made available to the Illinois EPA upon request.

c. Pursuant to 35 Ill. Adm. Code 218.187(e)(1)(B), the owner or operator of a source exempt from the limitations of 35 Ill. Adm. Code 218.187 because of the criteria in 35 Ill. Adm. Code 218.187(a)(1) shall comply with the following: On and after January 1, 2012, collect and record the following information each month for each cleaning operation, other than cleaning operations identified in 35 Ill. Adm. Code 218.187(a)(2):

i. The name and identification of each VOM-containing cleaning solution as applied in each cleaning operation;

ii. The VOM content of each cleaning solution as applied in each cleaning operation;

iii. The weight of VOM per volume and the volume of each as-used cleaning solution; and

iv. The total monthly VOM emissions from cleaning operations at the source.

d. Pursuant to 35 Ill. Adm. Code 218.187(e)(10), all records required by 35 Ill. Adm. Code 218.187(e) shall be retained by the source for at least three years and shall be made available to the Illinois EPA upon request.

e. Pursuant to 35 Ill. Adm. Code 218.211(c)(2), any owner or operator of a coating line subject to the limitations of 35 Ill. Adm. Code 218.204 other than 35 Ill. Adm. Code 218.204(a)(1)(B), (a)(1)(C), (a)(2)(B), (a)(2)(C), or (a)(2)(D) and complying by means of 35 Ill. Adm. Code 218.204 shall comply with the following: On and after a date consistent with 35 Ill. Adm. Code 218.106, or on and after the initial start-up date, the owner or operator of a subject coating line shall collect and record all of the following information each day, unless

otherwise specified, for each coating line and maintain the information at the source for a period of three years:

i. The name and identification number of each coating as applied on each coating line;

ii. The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line;

iii. For coating lines subject to the limitations of 35 Ill. Adm. Code 218.204(q), the weight of VOM per volume of each coating, or the weight of VOM per volume of solids in each coating, as applicable, as applied each day on each coating line, and certified product data sheets for each coating.

f. Pursuant to 35 Ill. Adm. Code 218.211(h)(3), on and after a date consistent with 35 Ill. Adm. Code 218.106, or on and after the initial start-up date, whichever is later, the owner or operator of a coating line subject to the requirements of 35 Ill. Adm. Code 218.219 shall comply with the following: Maintain at the source all records required by 35 Ill. Adm. Code 218.211(h) for a minimum of three years from the date the document was created and make those records available to the Illinois EPA upon request.

22a. The Permittee shall maintain records of the following items so as to demonstrate compliance with the conditions of this permit:

i. Records addressing use of good operating practices for the scrubbers:

A. Records for periodic inspection of the scrubbers with date, individual performing the inspection, and nature of inspection; and

B. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.

ii. Metal throughput in acid cleaning tanks (tons/month, tons/year) separately for controlled and uncontrolled tanks;

iii. Hydrochloric acid usage (tons/month and tons/year) and its concentration (%);

iv. Coating usage (gallons/month and gallons/year);

v. Additive usage (gallons/month and gallons/year);

vi. Cleaning solvent usage (gallons/month and gallons/year);

vii. The VOM and HAP content of each coating used (% by weight);

viii. The VOM and HAP content of each additive used (% by weight);

ix. The VOM and HAP content of each cleaning solvent used (% by weight);

x. The density of each coating used (lbs/gallon);

xi. The density of each additive used (lbs/gallon);

xii. The density of each cleaning solvent used (lbs/gallon);

xiii. Natural gas usage (mmscf/month and mmscf/year); and

xiv. Monthly and annual CO, NO_x, PM, SO_2, VOM and HAP emissions from the source, with supporting calculations (tons/month and tons/year).

b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least five (5) years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer storage device) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to the Illinois EPA or USEPA request for records during the course of a source inspection.

23a. Pursuant to 40 CFR 63.11509(b), if you own or operate an affected source, you must submit a Notification of Compliance Status in accordance with 40 CFR 63.11509(b)(1) through (3).

i. The Notification of Compliance Status must include the items specified in 40 CFR 63.11509(b)(2)(i) through (iv).

A. List of affected sources and the plating and polishing metal HAP used in, or emitted by, those sources.

B. Methods used to comply with the applicable management practices and equipment standards.

C. Description of the capture and emission control systems used to comply with the applicable equipment standards.

D. Statement by the owner or operator of the affected source as to whether the source is in compliance with the applicable standards or other requirements.

ii. If a facility makes a change to any items in 40 CFR 63.11509(b)(2)(i), iii, and (iv) that does not result in a deviation, an amended Notification of Compliance Status should be submitted within 30 days of the change.

b. Pursuant to 40 CFR 63.11509(c), if you own or operate an affected source, you must prepare an annual certification of compliance report according to 40 CFR 63.11509(c)(1) through (7). These reports do not need to be submitted unless a deviation from the requirements of 40 CFR 63 Subpart WWWWWW has occurred during the reporting year, in which case, the annual compliance report must be submitted along with the deviation report.

i. If you own or operate an affected tank or other affected plating and polishing operation that is subject to the management practices specified in 40 CFR 63.11507(g), "What are my standards and management practices?" you must state in your annual compliance certification that you have implemented the applicable management practices, as practicable.

ii. Each annual compliance report must be prepared no later than January 31 of the year immediately following the reporting period and kept in a readily-accessible location for inspector review. If a deviation has occurred during the year, each annual compliance report must be submitted along with the deviation report, and postmarked or delivered no later than January 31 of the year immediately following the reporting period.

c. Pursuant to 40 CFR 63.11509(d), if you own or operate an affected source, and any deviations from the compliance requirements specified in 40 CFR 63 Subpart WWWWWW occurred during the year, you must report the deviations, along with the corrective action taken, and submit this report to the Illinois EPA.

24. Pursuant to 35 Ill. Adm. Code 212.110(d), a person planning to conduct testing for particulate matter emissions to demonstrate compliance shall give written notice to the Illinois EPA of that intent. Such notification shall be given at least thirty (30) days prior to the initiation of the test unless a shorter period is agreed to by the Illinois EPA. Such notification shall state the specific test methods from 35 Ill. Adm. Code 212.110 that will be used.

25a. Pursuant to 35 Ill. Adm. Code 218.182(d)(6), on and after March 15, 1999 all persons subject to the requirements of 35 Ill. Adm. Code 218.182(b) or (c) shall notify the Illinois EPA of any violation of 35 Ill. Adm. Code 218.182(b) or (c) by sending a description of the violation and copies of records documenting such violations to the Illinois EPA within 30 days following the occurrence of the violation.

b. Pursuant to 35 Ill. Adm. Code 218.187(e)(1)(C), the owner or operator of a source exempt from the limitations of 35 Ill. Adm. Code 218.187 because of the criteria in 35 Ill. Adm. Code 218.187(a)(1) shall comply with the following: Notify the Illinois EPA of any record that shows that the combined emissions of VOM from cleaning operations at the source, other than cleaning operations identified in subsection (a)(2) of 35 Ill. Adm. Code 218.187, ever equal or exceed 226.8 kg/month (500

lbs/month), in the absence of air pollution control equipment, within 30 days after the event occurs.

c. Pursuant to 35 Ill. Adm. Code 218.211(c)(3), any owner or operator of a coating line subject to the limitations of 35 Ill. Adm. Code 218.204 other than 35 Ill. Adm. Code 218.204(a)(1)(B), (a)(1)(C), (a)(2)(B), (a)(2)(C), or (a)(2)(D) and complying by means of 35 Ill. Adm. Code 218.204 shall comply with the following: On and after a date consistent with 35 Ill. Adm. Code 218.106, the owner or operator of a subject coating line shall notify the Illinois EPA in the following instances:

i. Any record showing violation of 35 Ill. Adm. Code 218.204 shall be reported by sending a copy of such record to the Illinois EPA within 30 days following the occurrence of the violation.

ii. At least 30 calendar days before changing the method of compliance from 35 Ill. Adm. Code 218.204 to 35 Ill. Adm. Code 218.205 or 35 Ill. Adm. Code 218.207, the owner or operator shall comply with all requirements of 35 Ill. Adm. Code 218.211(d)(1) or (e)(1), as applicable. Upon changing the method of compliance from 35 Ill. Adm. Code 218.204 to 35 Ill. Adm. Code 218.205 or 35 Ill. Adm. Code 218.207, the owner or operator shall comply with all requirements of 35 Ill. Adm. Code 218.211(d) or (e), as applicable.

d. Pursuant to 35 Ill. Adm. Code 218.211(h)(2), on and after a date consistent with 35 Ill. Adm. Code 218.106, or on and after the initial start-up date, whichever is later, the owner or operator of a coating line subject to the requirements of 35 Ill. Adm. Code 218.219 shall comply with the following: Notify the Illinois EPA of any violation of 35 Ill. Adm. Code 218.219 by providing a description of the violation and copies of records documenting the violation to the Illinois EPA within 30 days following the occurrence of the violation.

26a. If there is an exceedance of or a deviation from the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance or deviation. The report shall include the emissions released in accordance with the record keeping requirements, a copy of the relevant records, and a description of the exceedance or deviation and efforts to reduce emissions and future occurrences.

b. Two (2) copies of required reports and notifications shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance and Enforcement Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

If you have any questions on this, please call Valeriy Brodsky at 217/785-1705.

Raymond E. Pilapil
Acting Manager, Permit Section
Division of Air Pollution Control

Date Signed: _____

REP:VJB:psj

cc: Illinois EPA, FOS Region 1
Lotus Notes

ATTACHMENT A – Emission Summary

This attachment provides a summary of the maximum emission from the Electroplating Facility operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. The resulting maximum emissions are well below the levels (e.g., 100 tons/year for VOM, 10 tons/year for any single HAP and 25 tons/year for any combination of such HAPs) at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that material is handled, and control measures are more effective than required in this permit.

	E M I S S I O N S (Tons/Year)						
Emission Units	CO	NO_x	PM	SO_2	VOM	Single HAP	Combined HAPs
Acid Cleaning Tanks (Controlled)						1.5	
Acid Cleaning Tanks (Uncontrolled)						0.5	
Coating Operations					11.60		
Process Tanks Operations			8.58		3.90		
Degreaser					3.20		
Gas-fired Equipment	19.11	22.75	1.73	0.14	1.25	-----	-----
Totals	19.11	22.75	10.31	0.14	19.95	9.0	22.5

VJB:psj

Attachment B – Table 1 to Subpart WWWWWW of Part 63 — Applicability of General Provisions to Plating and Polishing Area Sources

As required in 40 CFR 63.11510, "What General Provisions apply to this subpart?", you must meet each requirement in the following table that applies to you.

Citation	Subject
63.1[1]	Applicability.
63.2	Definitions.
63.3	Units and abbreviations.
63.4	Prohibited activities.
63.6(a), (b)(1)-(b)(5), (c)(1), (c)(2), (c)(5), and (j)	Compliance with standards and maintenance requirements.
63.10(a), (b)(1), (b)(2)(i)-(iii), (xiv), (b)(3), (d)(1), (f)	Recordkeeping and reporting.
63.12	State authority and delegations.
63.13	Addresses of State air pollution control agencies and EPA regional offices.
63.14	Incorporation by reference.
63.15	Availability of information and confidentiality.

[1] 40 CFR 63.11505(e), "What parts of my plant does this subpart cover?", exempts affected sources from the obligation to obtain title V operating permits.